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U.S. DEPT. OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

NATIVE TREES AND SHRUBS



Specialists in Canada Hemlock

For Hedges



CURTIS NURSERIES

(Charles G. Curtis Co.)

CALLICOON

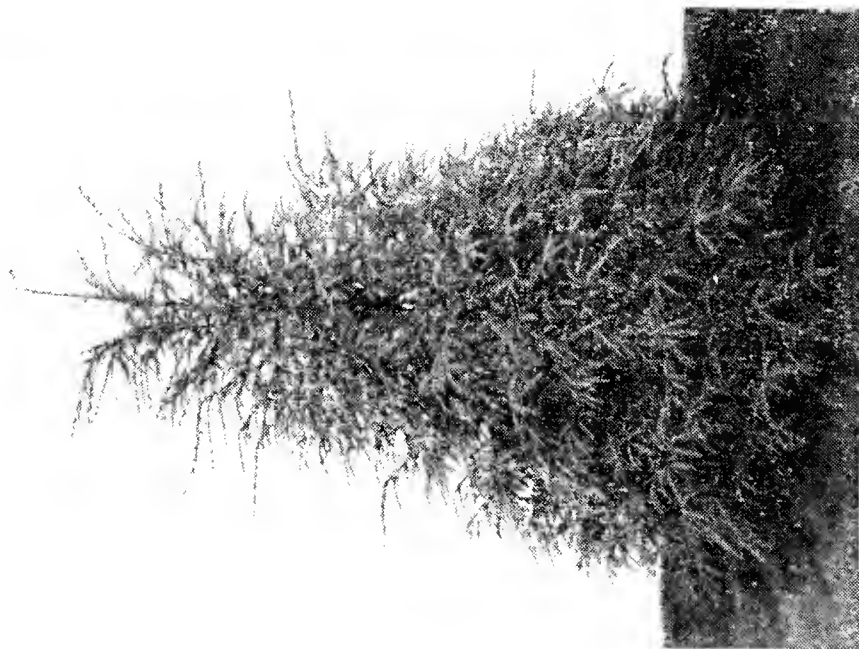
NEW YORK

TELEPHONE 85

CANADA HEMLOCK

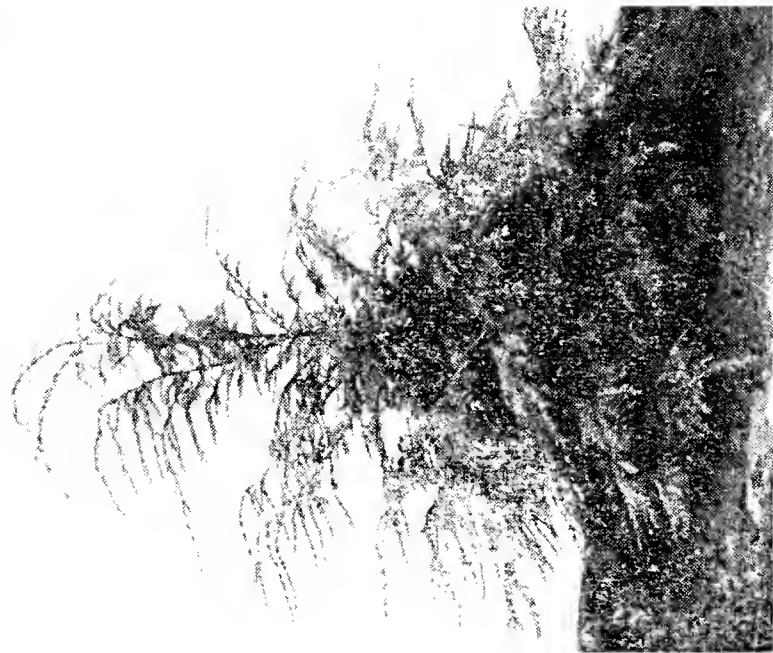
We specialize in Canadian Hemlock (*Tsuga canadensis*). At present we have thousands of beautifully shaped trees in our nursery. These have been sheared for definite purposes. The photos below indicate the three tree types.

When you buy Hemlocks why not take advantage of our 25 years of experience in growing them.



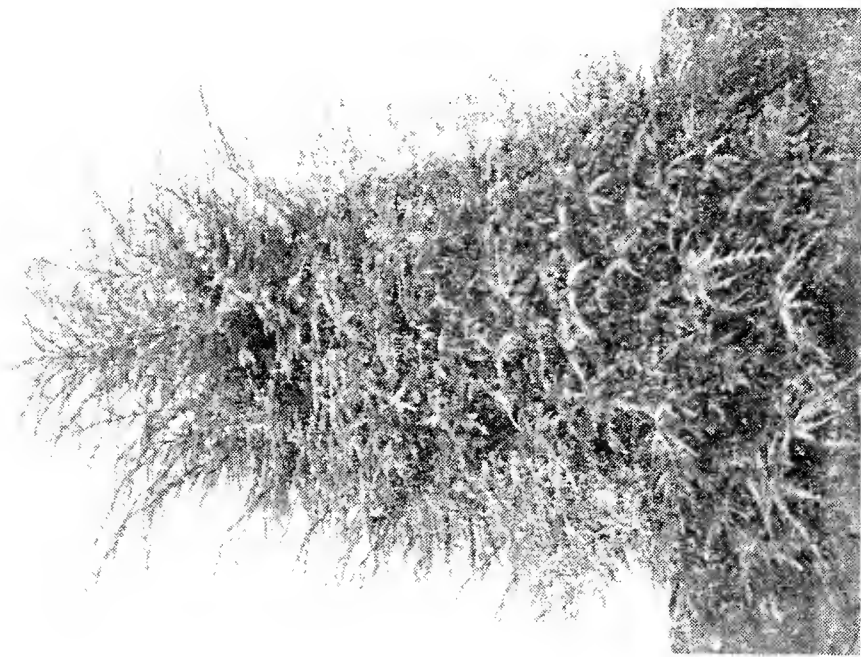
Specimen

The Specimen type is the very heaviest sheared tree that can be grown. It may have a double or single leader. This is a perfect tree.



Naturalistic

The Naturalistic types of tree are those that are symmetrical, well branched on all sides, open foliated and a single leader.



Hedge

The Hedge types of trees are those trees generally cylindrical in shape and unusually heavy near the top.

CANADA HEMLOCK
Nursery Grown
(*Tsuga canadensis*)

	NATURALISTIC TYPE		HEDGE & SPECIMEN TYPES	
	Each	Per 100	Each	Per 100
18" to 24" B&B XX	\$.72	\$54.00	\$.72	\$ 54.00
2 to 3 ft. B&B XXX	.92	64.00	1.20	106.00
3 to 4 ft. B&B XXX	1.70	100.00	3.00	260.00
4 to 5 ft. B&B XXX	2.80	240.00	5.00	460.00
5 to 6 ft. B&B XXX	4.00	340.00	6.80	640.00
6 to 7 ft. B&B XXX	5.60	440.00	9.60	860.00
7 to 8 ft. B&B XXX	8.00	680.00	12.80	1080.00
8 to 9 ft. B&B XXX	11.00	960.00	16.00	1400.00
9 to 10 ft. B&B XXX			18.00	1600.00
10 to 11 ft. B&B XXX			24.00	
11 to 12 ft. B&B XXX			28.00	

SEEDLINGS FOR LINING OUT

	Per 1000
8" to 12" X	\$ 80.00
12" to 18" X	140.00

DIMENSION CHART			
HEIGHT OF TREE	NATURALISTIC	HEDGE	SPECIMEN
2 to 3 ft.	Aver. 26" Spread	Aver. 30" Spread	Aver. 34" Spread
4 to 5 ft.	Aver. 36" Spread	Aver. 40" Spread	Aver. 48" Spread
6 to 7 ft.	Aver. 46" Spread	Aver. 46" Spread	Aver. 54" Spread
8 to 9 ft.	Aver. 60" Spread	Aver. 60" Spread	Aver. 66" Spread
10 to 12 ft.	Aver. 66" Spread	Aver. 66" Spread	Aver. 70" Spread

Let us quote you prices on perfect Hemlock Hedges for immediate effect.

CANADA HEMLOCKS
(*Collected*)

Prices quoted on 2 to 20 ft. trees on request.

COLLECTED SEEDLINGS

4 to 8 inches	\$20.00 per 1000
8 to 12 inches	40.00 per 1000

FROM OUR NURSERIES

AZALEA nudiflora (<i>Pinkster</i>) B&B	Each	Per 100
Pink flower blooming profusely in late May.		
16 to 24 in. X Heavy Clumps	\$1.20	\$100.00
24 to 30 in. XX Heavy Clumps	1.60	120.00
(See Collected Azaleas on Page 7)		
CORNUS stolonifera (<i>Red Ozier</i>) B&B		
White bloom in June—Red stems in winter.		
5 to 6 ft. X Heavy Clumps	1.60	120.00
ILEX verticellata (<i>Black Alder</i>) B&B		
Red berry through late Fall and early Winter.		
4 to 6 ft.	1.60	120.00
PICEA pungens (<i>Colorado Spruce</i>) B&B		
12 to 18 in. XX .....	.60	40.00
18 to 24 in. XX .....	.80	60.00
PICEA canadensis (<i>White Spruce</i>) B&B		
2½ to 3½ ft. XX	1.00	80.00
PICEA excelsa (<i>Norway Spruce</i>) B&B		
4 to 6 ft. XX	2.00	160.00
6 to 7 ft. XX	2.40	200.00
PIERIS floribunda (<i>Mountain Andromeda</i>) B&B		
Low-spreading, broad-leaved evergreen with white flower in April or May.		
12" x 12" X	1.80	160.00
18" x 18" X	2.40	200.00
PINUS nigra (<i>Austrian Pine</i>) B&B		
2½ to 3½ ft. XX	1.60	120.00
PINUS strobus (<i>White Pine</i>) B&B		
8 to 10 ft. XX	8.00	
10 to 11 ft. XX	12.00	
11 to 12 ft. XX	14.00	
(Smaller sizes quoted on request)		
RHODODENDRON catawbiense (<i>Catawba Rhododendron</i>) B&B		
Magenta colored bloom in early July. Excellent broad-leaved evergreen foliage.		
16 to 24 in. X	2.80	240.00
24 to 30 in. X	3.00	280.00
30 to 36 in. X	4.00	380.00
RHODODENDRON maximum (<i>Great Laurel</i>) B&B		
Pink bloom in early July. Large broad-leaved evergreen foliage.		
12 to 18 in. X	1.60	120.00
(See Collected Rhododendron on Page 5)		
TSUGA caroliniana (<i>Carolina Hemlock</i>) B&B. Thrifty northern grown trees in excellent condition for transplanting.		
12 to 18 in. XX .....	.80	60.00

RHODODENDRON MAXIMUM



Typical 3-foot Rhododendron Maximum

(Cut Back Plants)

We own over 300 acres of Rhododendron maximum that have been grown from cut-back roots. As the new sprouts from these roots develop, we carry on a system of thinning and root-pruning which produces plants that could be termed semi-nursery grown. They are very much superior to the average collected plants.

RHODODENDRON maximum (*Great Laurel*)

	1-A	2-A	3-A
	Standard	Specially	Extra Heavy
	Each	Selected	Specimens B&B
	Each	Each	Each
1—2 ft.	\$.54	\$.96	
2—3 ft. ....	.80	1.20	\$ 2.80
3—4 ft.	1.10	1.96	4.60
4—5 ft.	1.80	3.40	6.80
5—6 ft.	2.80	4.60	9.40
6—7 ft.	4.00	7.20	14.00
2—4 ft. mixed sizes .....	.96		
2—5 ft. mixed sizes	1.06		
5—8 ft. mixed sizes	4.00		
1-A— <i>Standard</i> plants have at least 8 stems or a head structure equal to an 8 stem plant of height stated.			
2-A— <i>Specially selected</i> plants might truthfully be called light specimens. They have at least 12 stems or a head structure equal to a 12 stem plant of the height stated.			
3-A— <i>Extra Heavy Specimen</i> plants are the very best and heaviest plants that we have.			
Burlapping on "standard" plants extra as follows: 1—4 ft. \$.10; 4—6 ft. \$.20; 6—8 ft. \$.25.			

SEEDLINGS

RHODODENDRON maximum (<i>Great Laurel</i>)	
3— 6 inches	\$34.00 per 1000
6—12 inches	60.00 per 1000

KALMIA LATIFOLIA

(From Field Grown
Seedlings)

This Kalmia is collected from open fields where they have developed into bushy plants. We have thousands of such plants.

This climate gives Kalmia a severe winter test, consequently, those grown in this locality are very hardy.



KALMIA latifolia (*Mountain Laurel*)

	1-A	2-A	3-A
	Standard	Specially	Extra Heavy
	Each	Selected	Specimens B&B
	Each	Each	Each
1— 2 ft.	\$.54	\$.96	
2— 3 ft. ....	.68	1.20	2.80
3— 4 ft.	1.10	1.96	4.60
4— 5 ft.	1.80	3.40	6.80
5— 6 ft.	3.00	4.60	10.60
6— 8 ft.			26.00
8—10 ft.			68.00

1— 4 ft. mixed sizes81

1-A—*Standard* plants have at least 8 stems or a head structure equal to an 8 stem plant of height stated.

2-A—*Specially selected* plants might truthfully be called light specimens. They have at least 12 stems or a head structure equal to a 12 stem plant of the height stated.

3-A—*Extra Heavy Specimen* plants are the very best and heaviest plants that we have.

Burlapping on "standard" plants extra as follows: 1—4 ft. \$.10; 4—6 ft. \$.20; 6—8 ft. \$.25.

SEEDLINGS

KALMIA latifolia (*Mountain Laurel*)

3—6 inches\$34.00 per 1000

HARDY DECIDUOUS TREES AND SHRUBS

Cut-back plants collected from this locality.

AZALEA nudiflora and rosea

These thickly branched shrubs lift with an excellent ball.

We group them together as they apparently have crossed in this locality.

	Each	Per 100
1 to 2 ft.	\$.60	\$ 40.00
2 to 3 ft. ....	.80	60.00
3 to 4 ft. ....	.96	72.00
4 to 5 ft.	1.20	86.00
5 to 6 ft.	1.40	110.00
6 to 8 ft.	1.96	180.00
2 to 6 ft. mixed sizes		80.00

BETULA lutea (*Yellow Birch*)

2 to 4 ft. ....	.30	14.00
4 to 6 ft. ....	.48	26.00
6 to 8 ft. ....	.60	46.00
8 to 10 ft. ....	.80	64.00
10 to 12 ft.	1.40	100.00
12 to 14 ft.	1.96	140.00

BETULA populifolia (*Gray Birch*). White bark similar to the Canoe Birch. Grows singly or in clumps.

6 to 8 ft.	1.20	100.00
8 to 10 ft.	2.40	196.00
10 to 12 ft.	6.00	540.00
12 to 14 ft.	12.00	1000.00

CEANOTHUS americana (*New Jersey Tea, Red Root*). Low spread shrubs with white flowers and dark green leaves.

1 to 3 ft.40	30.00
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COMPTONIA asplenifolia (*Sweetfern*)

Very fragrant foliage—does well in sunny locations.

1½ to 4 ft.20	16.00
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CORNUS circinata (*Roundleaf Dogwood*)

Green stems with white flowers in June.

2 to 6 ft.48	34.00
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CORNUS paniculata (*Gray Dogwood*)

Smooth, gray stems with white flowers in June.

3 to 4 ft. Clumps ....	.48	34.00
4 to 6 ft. Clumps ....	.64	52.00

CORNUS stolonifera (*Red Osier*)

Red stems in winter—white flowers in June.

2 to 6 ft.	\$.48	\$ 26.00
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CORYLUS rostrata (*Beaked Hazelnut*). Yellow stems and foliage to give good Fall and Winter effect.

2 to 4 ft. ....	.48	40.00
4 to 6 ft. ....	.68	52.00

HAMAMELIS virginiana (<i>Witch Hazel</i>). Good Autumn effect with yellow flowers and yellow leaves.			Each	Per 100
2 to 4 ft. Heavy Clumps	.....	.92		62.00
4 to 6 ft. Heavy Clumps	.....	1.20		100.00
6 to 8 ft. Heavy Clumps	.....	1.80		160.00
Mixed sizes, 2 to 6 ft.	.....			100.00
ILEX monticola (<i>Mountain Winterberry</i>)				
Dryland shrub with crimson berries in the Fall.				
2 to 4 ft. Clumps	.....	.96		62.00
4 to 6 ft. Clumps	.....	1.40		100.00
6 to 8 ft. Clumps	.....	1.96		160.00
LYONIA ligustrina (<i>He-Huckleberry</i>)				
Heavy foliated shrub—excellent for thicket effect.				
2 to 4 ft. Heavy Clumps	.....	.48		34.00
4 to 6 ft. Heavy Clumps	.....	.56		46.00
NEMOPANTHUS mucronata (<i>Mountain Holly</i>)				
Soft, green foliage with red berries in the early Fall.				
2 to 5 ft. Clumps	.....	.52		40.00
5 to 8 ft. Clumps	.....	1.06		80.00
8 to 10 ft. Clumps	.....	1.80		140.00
PRUNUS virginiana (<i>Chokecherry</i>)				
4 to 6 ft. Clumps	.....	.52		40.00
6 to 8 ft. Clumps	.....	.92		80.00
SPIRÆA alba (<i>White Spiraea</i>)				
1 to 3 ft. Clumps	.....	.30		20.00
SPIRÆA tomentosa (<i>Hardhack</i>)				
1 to 3 ft. Clumps	.....	.30		20.00
VACCINIUM corymbosum (<i>Highbush Blueberry</i>)				
Good Fall foliage color—large edible berries.				
2 to 3 ft. Extra Heavy Clumps	.....	.62		52.00
3 to 4 ft. " " "	.....	.80		64.00
4 to 5 ft. " " "	.....	1.20		100.00
5 to 6 ft. " " "	.....	1.80		168.00
6 to 8 ft. " " "	.....	6.40		
VACCINIUM pennsylvanicum (<i>Lowbush Blueberry</i>)				
Low spreading ground cover with edible blue berry.				
6 to 12 in. Clumps or Sods	.....	.20		16.00
VIBURNUM acerifolium (<i>Mapleleaf Viburnum</i>)				
White flower in June. Good for naturalizing.				
2 to 4 ft.	.....	.40		30.00
VIBURNUM alnifolium (<i>Hobblebush</i>)				
Large white flowers in May. Good for naturalizing.				
2 to 4 ft.	.....	.30		20.00
4 to 6 ft.	.....	.62		40.00
VIBURNUM cassinoides (<i>Witherod</i>). Large shrub with white flowers in June. Good for mass planting.				
4 to 6 ft. Clumps	.....	.80		60.00
6 to 8 ft. Specimen	.....	5.40		

VIBURNUM dentatum (<i>Arrowwood</i>)	Each	Per 100
White flowers in June—blue berries in September.		
Used about the same as Witherod.		
4 to 6 ft. ....	.80	60.00
6 to 8 ft. Specimen	4.80	

*All of the above listed plants have seeds, fruit or tender buds that are edible for birds or animals.

COLLECTED PINUS STROBUS
(*White Pine*)

We can quote you on collected White Pine from 2 to 20 ft. high upon request.

HARDY FERNS

The ferns listed are dug in large CLUMPS with one to four clusters of fronds in a clump. They can be used for massing or planting separately, but give an especially fine effect planted with Rhododendron maximum or other evergreens. Any carload could contain 200 to 300 ferns WITHOUT EXTRA CHARGE FOR TRANSPORTATION, as they could be packed between other plants, filling in vacant spaces.

	Per 100	Per 1000
ADIANTUM pedatum (<i>American Maidenhair</i>)	\$ 6.40	\$ 52.00
DENNSTEDIA punctilobula (<i>Hay-scented</i>)		
Sq. ft. sod	14.00	120.00
DRYOPTERIS marginalis (<i>Marginal Shield</i>)	6.40	52.00
DRYOPTERIS spinulosa (<i>Toothed Woodfern</i>)	6.40	52.00
ONOCLEA sensibilis (<i>Sensitive</i>)	6.40	52.00
OSMUNDA cinnamonea (<i>Cinnamon</i>)	20.00	160.00
OSMUNDA claytoniana (<i>Interrupted</i>)	12.00	110.00
POLYPODIUM vulgare (<i>Common Polypoda</i>)		
Large mat or sod	34.00	260.00
POLYSTICHUM acrostichoides (<i>Christmas</i>)	6.40	52.00
PTERETIS nodulosa (<i>Ostrich</i>)	16.00	140.00

GROUND COVER SODS

These sods from different exposures, can be used in naturalistic work to accurately typify the effect desired.

SUNNY SOD (*Including such plants as Bracken Fern, Hay Scented Fern, Lycopodium and herbaceous plants*).

SEMI-SHADY SOD (*Including such plants as Wintergreen, Rubus, and herbaceous plants*).

SHADY SOD (*Including such plants as Bunchberry, Dryopteris Fern and herbaceous plants*).

ALL SODS\$.14 per sq. ft.

NATIVE WILD FLOWERS

The list below includes all species that can be collected in quantities of 100 or more.

No orders accepted for quantities of less than 50.

	Each	Per 100
*AQUILEGIA canadensis (<i>Columbine</i>)	\$.07	\$ 6.70
ARISAEMA triphyllum (<i>Jack-in-the-Pulpit</i>)	.07	6.70
COPTIS trifolia (<i>Gold Thread</i>)	.07	6.70
*CORNUS canadensis (<i>Bunchberry</i>)	.08	7.20
DENNSTEDIA diphylla (<i>Crinkleroot</i>)	.07	6.70
*DICENTRA cucullata (<i>Dutchman's Breeches</i>)	.07	6.70
EPIGAEA repens (<i>Trailing Arbutus</i>)	.20	16.00
*GAULTHERIA procumbens (<i>Wintergreen</i>) (sods)	.07	6.70
*GERANIUM robertianum (<i>Herb Robert</i>)	.07	6.70
HEMEROCALLIS fulva (<i>Tawny Day Lily</i>)	.02	1.60
*HOUSTONIA cærulea (<i>Bluets</i>)	.04 ¹ / ₂	4.00
*HYDROPHYLLUM virginiana (<i>Virginia Waterleaf</i>)	.07	6.70
LINARIA vulgaris (<i>Butter and Eggs</i>)	.04	3.20
LYSIMACHIA nummularia (<i>Moneywort</i>) (sods)	.05	4.40
*MAIANTHEMUM canadensis (<i>False Lily of the Valley</i>)	.03	2.00
*MITCHELLA repens (<i>Partridge Berry</i>) (sods)	.07	6.70
MONARDA didyma (<i>Oswego Tea</i>)	.08	7.20
*MUSCARA botryoides (<i>Grape Hyacinth</i>)	.04	3.20
*MYOSOTIS scorpioides (<i>Forget-me-not</i>) (sods)	.07	6.70
ORNITHOGALUM umbellatum (<i>Star of Bethlehem</i>)	.04	3.20
PODOPHYLLUM peltatum (<i>Mandrake</i>)	.05	4.40
*POLYGALA paucifolia (<i>Fringed Polygala</i>)	.07	6.70
RANUNCULUS acris (<i>Common Buttercup</i>)	.04	3.20
SAPONARIA officinalis (<i>Bouncing Bet</i>)	.04	3.20
*SAXAFRAGA virginiana (<i>Early Saxafrage</i>)	.05	4.40
SOLIDAGO (<i>Golden Rod</i>) mixed species	.05	4.40
*TIARELLA cordifolia (<i>Foam Flower</i>)	.05	4.40
*TRIENTALIS borealis (<i>Star Flower</i>)	.03	2.00
TRILLIUM erectum (<i>Wake Robin</i>)	.07	6.70
TRILLIUM undulatum (<i>Painted Trillium</i>)	.07	6.70
VINCA minor (<i>Blue Myrtle</i>) (sods)	.10	9.00
VIOLA sororia (<i>Common Blue Violet</i>)	.04	3.20
WALDSTEINIA fragaroides (<i>Barren Strawberry</i>)	.04	3.20

*Plants suitable for Rock Gardens.

LEAF-MOLD OR HUMUS

This natural leaf-mold or humus is a perfect soil for Rhododendron or any other shallow growing wood plant. We use it in all of our nursery plants, particularly with Hemlock.

Scientists tell us that our product contains a very high plant food value as well as being high in acidity and moisture holding properties.

Let us send you a sample.

In bulk\$12.00 per ton

Bagged 18.00 per ton

WATER WORN STONES FOR GARDENS

These stones are a hard bluestone picked from the river bed of the Delaware and its tributaries. They are worn smooth by years of water action and have one flat surface.

These stones are ideal for use in garden walks and as a border to naturalistic pools.

Stones averaging:

12 inches square covering space\$.16

18 inches square covering space34

(Larger Sizes Quoted on Request)

These stones are irregular in shape and therefore cannot be scaled to the inch.

SHIPPING

BY RAILROAD: On the mainline of the Erie R. R. Good freight and express service.

BY TRUCK: Trucks—3 to 10 ton capacity. Delivery \$.30 to \$.50 per mile (one way).

Plant capacity of truck or car furnished on request.

PLANTING: The following points are important in insuring the best possible success with Rhododendron, Kalmia, Azaleas and Hemlock:

- (1) Be sure soil is well drained and sub-soil broken.
 - (2) Use leaf-mold or humus in direct contact with the roots.
 - (3) Leave a depression instead of a mound around the base of the plant to carry surface water directly to the roots.
 - (4) Mulch with sawdust—especially in Fall planting.
 - (5) Water frequently throughout the first year.
 - (6) Rhododendron maximum should never be planted in sunny locations or where exposed to high winds.
 - (7) Never plant in alkaline soil. Be sure the soil has, at least, a slight acid reaction.
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GENERAL INFORMATION

PACKING:

Freight car packing is done with quantities of moist sawdust and sphagnum moss. The plants are tightly packed and thoroughly drenched with water.

Packing in less carload lots is done at cost.

BURLAPPING:

Extra charge of 10 to 20 cents per plant where burlapping is not designated.

CLAIMS:

We accept all orders upon condition that they shall be void should injury befall stock from frost, hail, storms or other causes over which we have no control. We cannot be held responsible for delays and damage in transit.

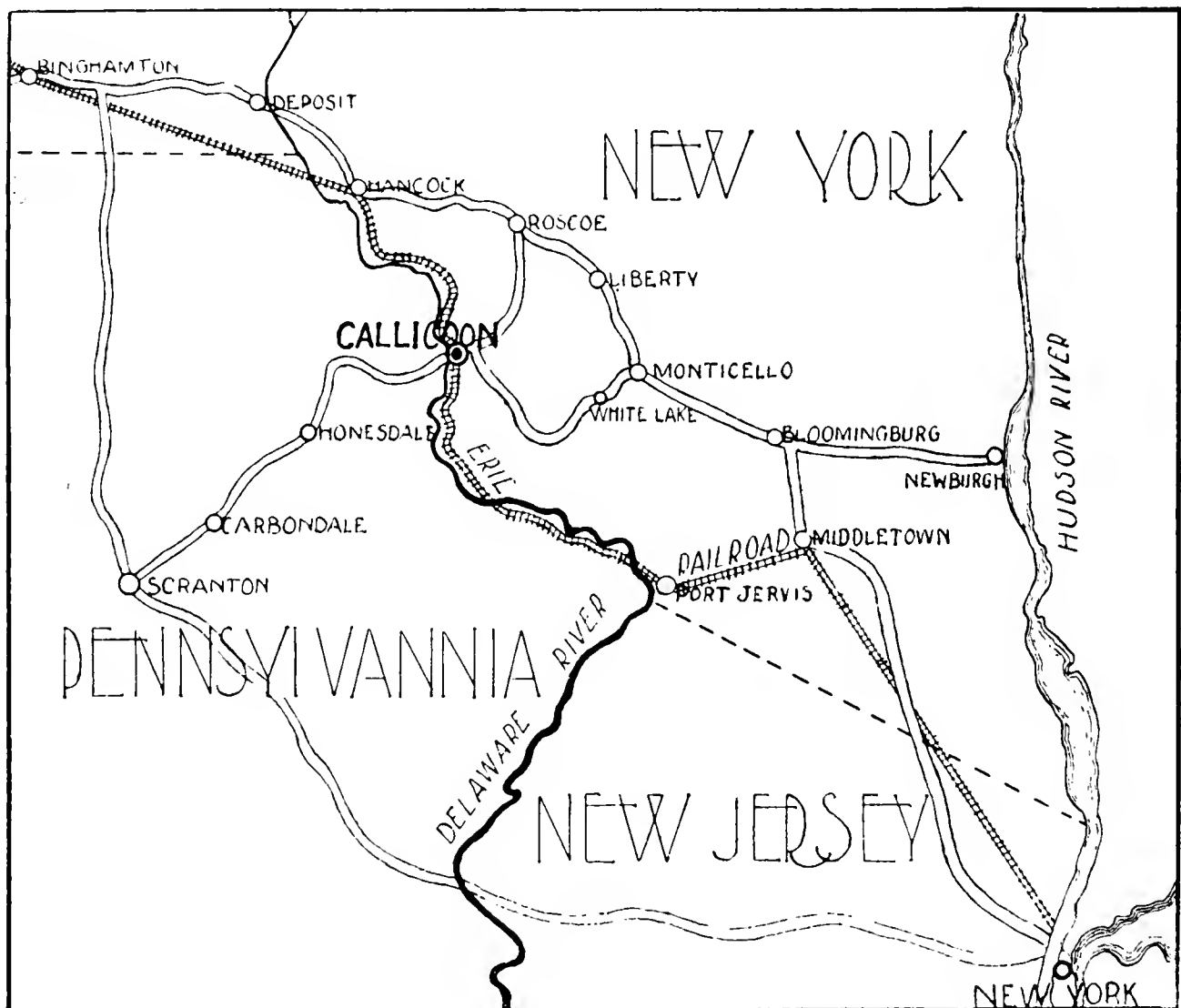
Complaints must be made within three days after receipt of goods.

INSPECTION:

We hold inspection certificates from both the states of Pennsylvania and New York.

PRICES:

Prices F. O. B. shipping point—6% interest charged after 60 days.



NURSERIES 1 1/2 MILES FROM CALLICOON
(New road from Port Jervis, N. Y., along Delaware River
not shown on map)